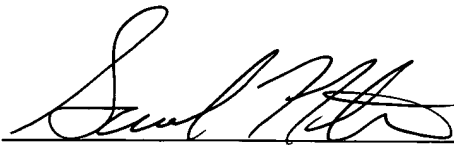


REMARKS

Claims 1-3, 5-12, 14-21, 23-28, and 30-49 are pending. In this paper, claims 1-3 have been amended and new claims 35-49 have been added to recite additional features of Applicants' invention. Since claim 1 essentially retains the features of claim 4 deemed allowable by the Examiner, it is respectfully submitted that claim 1 and its dependent claims remain allowable. It is further submitted that the entire application is in condition for allowance. Favorable consideration and prompt allowance of the application is therefore respectfully requested.

To the extent necessary, Applicants petition for an extension of time under 37 CFR §1.136. Please charge any shortage in fees due in connection with this application, including extension of time fees, to Deposit Account No. 16-0607 (Attorney Docket No. K-078) and credit any excess fees to the same Deposit Account.

Respectfully submitted,



Daniel Y.J. Kim
Registration No. 36,186
Samuel W. Ntiros
Registration No. 39,318

FLESHNER & KIM, LLP
P.O. Box 221200
Chantilly, VA 20153-1200
Telephone No: (703) 502-9440
Facsimile No: (703) 502-9596

Marked-Up Version of the Amended Claims

1. (Amended Three Times) A communication system which has a plurality of mobile terminals and a base station, each of said mobile terminals and/or base station comprising:

- a medium access control sub-layer;
- upper layers of said medium access control sub-layer; and
- a lower layer of said medium access control sub-layer,

wherein said medium access control sub-layer is configured to perform self-basic functions [in response to basic function execution requests] or functions associated with said upper layers or lower layer [in response to requests therefrom,] and wherein said medium access control sub-layer includes a common control channel group and a dedicated control channel group [which have logical-type channels].

2. (Amended Three Times) The communication system as set forth in claim 1, wherein said self-basic functions include [at least one of]:

- a random access control information transfer function,
- a control information transfer function,
- a user information transfer function,
- framing/deframing functions,
- segmentation/reassembly functions,
- functions of dividing a frame of a specific one of said upper layers into channels of said lower layer and vice versa,
- a cyclic redundancy check function,
- a function of detecting an error of a medium access control sub-layer frame, and
- a rate adaptation function of adjusting a number of bits suitably for a radio frame.

3. (Amended Three Times) The communication system as set forth in claim 1, wherein said associated functions include [at least one of]:

- a synchronization information control function;
- a system information control function,
- lower channel activation/deactivation functions,
- quality monitoring and reporting functions of, for maintenance of traffic channel quality, supporting power control, triggering a handover or reporting a channel condition upon traffic channel allocation, and
- a multi-bearer sequencing function of sequencing a multi-code.